

10/043615

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*** YOU HAVE NEW MAIL ***

=> s detect? (3a) (polymorphism? or variant? or mutation?)

4 FILES SEARCHED...

L1 69865 DETECT? (3A) (POLYMORPHISM? OR VARIANT? OR MUTATION?)

=> s l1 and modified base

L2 958 L1 AND MODIFIED BASE

=> s l2 and 90%

L3 859 L2 AND 90%

=> s l3 and 90% (3a) points (4a) occurrence

L4 4 L3 AND 90% (3A) POINTS (4A) OCCURRENCE

=> d l4 bib abs 1-4

L4 ANSWER 1 OF 4 USPATFULL on STN

AN 2003:237723 USPATFULL

TI Fluorescence-based genotyping

IN Wolfe, Jia Liu, Winchester, MA, UNITED STATES

Kawate, Tomohiko, Cambridge, MA, UNITED STATES

Allerson, Charles R., Carlsbad, CA, UNITED STATES

Stanton, Vincent P., JR., Belmont, MA, UNITED STATES

PI US 2003165880 A1 20030904

AI US 2002-107748 A1 20020326 (10)

RLI Continuation-in-part of Ser. No. US 1999-394467, filed on 10 Sep 1999,
GRANTED, Pat. No. US 6566059

PRAI US 1998-102724P 19981001 (60)

DT Utility

FS APPLICATION

LREP BINGHAM, MCCUTCHEN LLP, THREE EMBARCADERO, SUITE 1800, SAN FRANCISCO,
CA, 94111-4067

CLMN Number of Claims: 26

ECL Exemplary Claim: 1

DRWN 13 Drawing Page(s)

LN.CNT 1356

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a method for genotyping a diploid

organism to **detect** single nucleotide **polymorphisms**
(SNPs) using modified nucleotides or nucleotide residues substituted
with fluorescent groups.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 4 USPATFULL on STN
AN 2003:228236 USPATFULL
TI Base-modified nucleotides and cleavage of polynucleotides incorporating
them
IN Stanton, Jr., Vincent P., Belmont, MA, United States
Wolfe, Jia Liu, Winchester, MA, United States
Kawate, Tomohiko, Cambridge, MA, United States
Allerson, Charles, Cambridge, MA, United States
Verdine, Gregory L., Cambridge, MA, United States
PA Variagenics, Inc., Cambridge, MA, United States (U.S. corporation)
PI US 6610492 B1 20030826
AI US 2002-43511 20020108 (10)
RLI Continuation-in-part of Ser. No. US 1999-394467, filed on 10 Sep 1999
PRAI US 1998-102724P 19981001 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Riley, Jezia
LREP Rose, Esq., Bernard F., Bingham McCutchen LLP
CLMN Number of Claims: 15
ECL Exemplary Claim: 1
DRWN 12 Drawing Figure(s); 12 Drawing Page(s)
LN.CNT 1820

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel base-modified nucleotides and
methods for their use in the preparation and cleavage of modified
polynucleotides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 4 USPATFULL on STN
AN 2003:136911 USPATFULL
TI Method for analyzing polynucleotides
IN Stanton, Jr., Vincent P., Belmont, MA, United States
Wolfe, Jia Liu, Winchester, MA, United States
Verdine, Gregory L., Cambridge, MA, United States
PA Variagenics, Inc., Cambridge, MA, United States (U.S. corporation)
PI US 6566059 B1 20030520
AI US 1999-394467 19990910 (9)
PRAI US 1998-102724P 19981001 (60)
US 1999-149533P 19990817 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Riley, Jezia
LREP Rose, Bernard F., Bingham McCutchen LLP
CLMN Number of Claims: 69
ECL Exemplary Claim: 1
DRWN 52 Drawing Figure(s); 39 Drawing Page(s)
LN.CNT 5806

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to methods for the analysis of
polynucleotides including detection of variance in nucleotide sequence
without the need for full sequence determination, full sequence
determination of a polynucleotide, genotyping of DNA and labeling a
polynucleotide fragment during the process of cleaving it into
fragments.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN
AN 2002:217059 USPATFULL
TI Method for analyzing polynucleotides
IN Stanton, Jr., Vincent P., 32 Royal Rd., Belmont, MA, United States
02178
Wolfe, Jia Liu, 28 Hollywood Rd., Winchester, MA, United States 01890
Kawate, Tomohiko, 31 Portsmouth St., 1R, Cambridge, MA, United States
02141
Verdine, Gregory L., 7 Bennington Rd., Lexington, MA, United States
02421
PI US 6440705 B1 20020827
AI US 1999-394457 19990910 (9)
PRAI US 1999-149533P 19990817 (60)
US 1998-102724P 19981001 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Siew, Jeffrey
LREP Lyon & Lyon LLP
CLMN Number of Claims: 32
ECL Exemplary Claim: 1
DRWN 52 Drawing Figure(s); 39 Drawing Page(s)
LN.CNT 5788
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to methods for the analysis of
polynucleotides including detection of variance in nucleotide sequence
without the need for full sequence determination, full sequence
determination of a polynucleotide, genotyping of DNA and labeling a
polynucleotide fragment during the process of cleaving it into
fragments.

CAS INDEXING IS AVAILABLE FOR THI